

Publication list

* indicates shared 1st authorship and cross (†) represents students that I co-supervised

Josi D., Flury J.M., Reyes-Contreras M., Tanaka H., Taborsky M. & Frommen J.G. (2021) Sex-specific routes to independent breeding in a polygynous cooperative breeder. **Frontiers in Ecology and Evolution** 9: 750483 <https://doi.org/10.3389/fevo.2021.750483>

Josi D., Heg D., Takeyama T., Bonfils D., Konovalov D.A., Frommen J.G., Kohda M. & Taborsky M. (2021) Relatedness, social structure and helping behaviour in the cooperatively breeding cichlid *Neolamprologus savoyi*. **Evolution** 75: 2881-2897 <https://doi.org/10.1111/evo.14348>

Josi D. & Frommen J.G. (2021) Through a glass darkly? Reactions of eight lamprologine cichlid species towards their mirror image in their natural environment. **Ethology** 127: 925-933 <https://doi.org/10.1111/eth.13207>

†Freudiger A., **Josi D.**, Thünken T., Herder F., Flury J.M., Marques D., Taborsky M. & Frommen J.G. (2021) Ecological variation drives morphological differentiation in a highly social vertebrate. **Functional Ecology** 35: 2266-2281 <https://doi.org/10.1111/1365-2435.13857>

***Josi D.**, *Freudiger A., Taborsky M. & Frommen J.G. (2020) Experimental predator intrusions in a cooperative breeder reveal task partitioning of group members. **Behavioral Ecology** 31: 1369-1378 <https://doi.org/10.1093/beheco/araa094>

Josi D., Taborsky M. & Frommen J.G. (2020) Investment of group members is contingent on helper number and the presence of young in a cooperative breeder. **Animal Behaviour** 160: 35-42 <https://doi.org/10.1016/j.anbehav.2019.11.013>

Josi D., Taborsky M. & Frommen J.G. (2019) First field evidence for alloparental egg care in cooperatively breeding fish. **Ethology** 125: 164-169 <https://doi.org/10.1111/eth.12838>

Josi D., Taborsky M. & Frommen J.G. (2018) Habitat preferences depend on substrate quality in a cooperative breeder. **Evolutionary Ecology Research** 19: 517-527 ([link](#))

Groenewoud F., Frommen J.G., **Josi D.**, Tanaka H., Jungwirth A. and Taborsky M. (2016) Predation risk drives social complexity in cooperative breeders. **Proc. Nat. Acad. Sci. USA**, 113: 4104-4019 <https://doi.org/10.1073/pnas.1524178113>

Jungwirth A., **Josi D.**, Walker J. & Taborsky M. (2015): Benefits of coloniality: communal defence saves anti-predator effort in cooperative breeders. **Functional Ecology** 29: 1218-1224 <https://doi.org/10.1111/1365-2435.12430>